

AMICAL 2020

What is the role of universities
in 21st century society?



Cu

Cultural

Cr

Creative

Cn

Constructive

Co

Communicative

EIGHT ESSENTIAL ELEMENTS OF DIGITAL LITERACIES

Cf

Confident

Cg

Cognitive

Ct

Critical

Ci

Civic

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Cultural

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Creative

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EIGHT ESSENTIAL ELEMENTS OF DIGITAL LITERACIES

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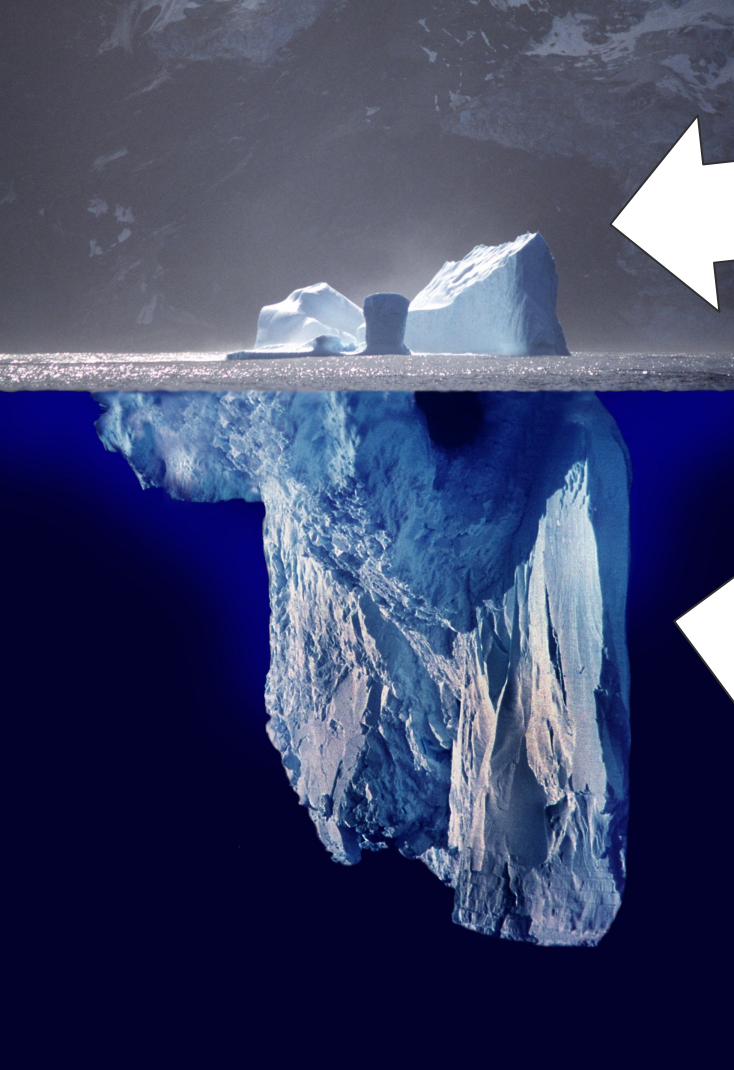
Cognitive

Ct

Critical

Ci

Civic



FAKE NEWS

(tip of the iceberg)

Big Data surveillance, Computational psychology, Psychographics, Automated engagement scripts, Emotional manipulation, Personality targeting, Dark post campaigns, Propaganda networks, Hyperbias, Bot Gestapos, Weaponized AI, Sentiment analysis, Algorithmic curation, Ideological matrices, Filter bubbles

“The results support previous studies regarding the Net Generation being just as heterogeneous as any other cohort and furthermore, also the clusters resembling Digital Natives contain users with rather poor ICT skills, which **refutes the assumption of net savvy Digital Natives.**”

Ståhl, T. (2017) How ICT savvy are Digital Natives actually?

https://www.idunn.no/dk/2017/03/how_ict_savvy_are_digital_natives_actually?languageId=2



Josie Fraser ✓

@josiefraser



Phrase 'digital natives' has pretty much become a shibboleth amongst edtech & digital inclusion communities. Using it signals the speaker doesn't really know much about technology. Or people.

8:00 AM - 27 Feb 2018

90 Retweets 227 Likes



12



90



227



<https://twitter.com/josiefraser/status/968395395331182592>

MARK TWAIN AMUSED.
 Humorist Says He Even Heard
 on Good Authority That
 He Was Dead.
 COUSIN, NOT HE, SICK.

The New York Journal and Advertiser (1897)

FAKE NEWS IN HISTORY

Extraordinary summit — at the Democratic National Convention!

Space alien endorses Bill Clinton

WORLD EXCLUSIVE PHOTO!



NEWS SPACE ALIEN MEETS WITH PRESIDENT BUSH!

I'm happy the alien saw through Bush and Ross Perot!

SPACE ALIEN MEETS WITH PRESIDENT BUSH!

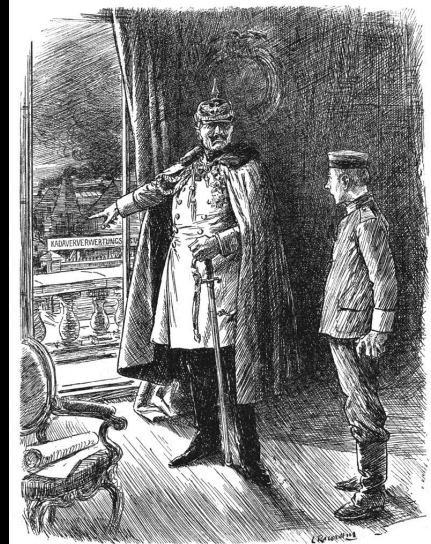
Weekly World News (1993)



The New York Sun (1835)

THE GERMAN "KADAVAR" FACTORIES.

LORD R. CECIL (Hitchin, U.), replying to Mr. R. M'NEILL (St. Augustine's, U.), who asked whether the Government would take steps to make it known as widely as possible in Egypt, India, and the East generally, that the Germans use the dead bodies of their own soldiers, and of their enemies when they obtain possession of them, as food for swine, and to an inquiry by Mr. DILLON (Mayo, E., Nat.) whether the Government had any solid ground for believing to be well founded the statements, widely circulated in this country, that the German Government had set up factories for extracting fat from the bodies of soldiers killed in battle, said:—The Government have no information beyond that contained in extracts from the German Press which have been published in the Press here. In view of other actions taken by the German military authorities there is nothing incredible in the present charge against them. His Majesty's Government have allowed the circulation of the facts as they appeared through the usual channels.



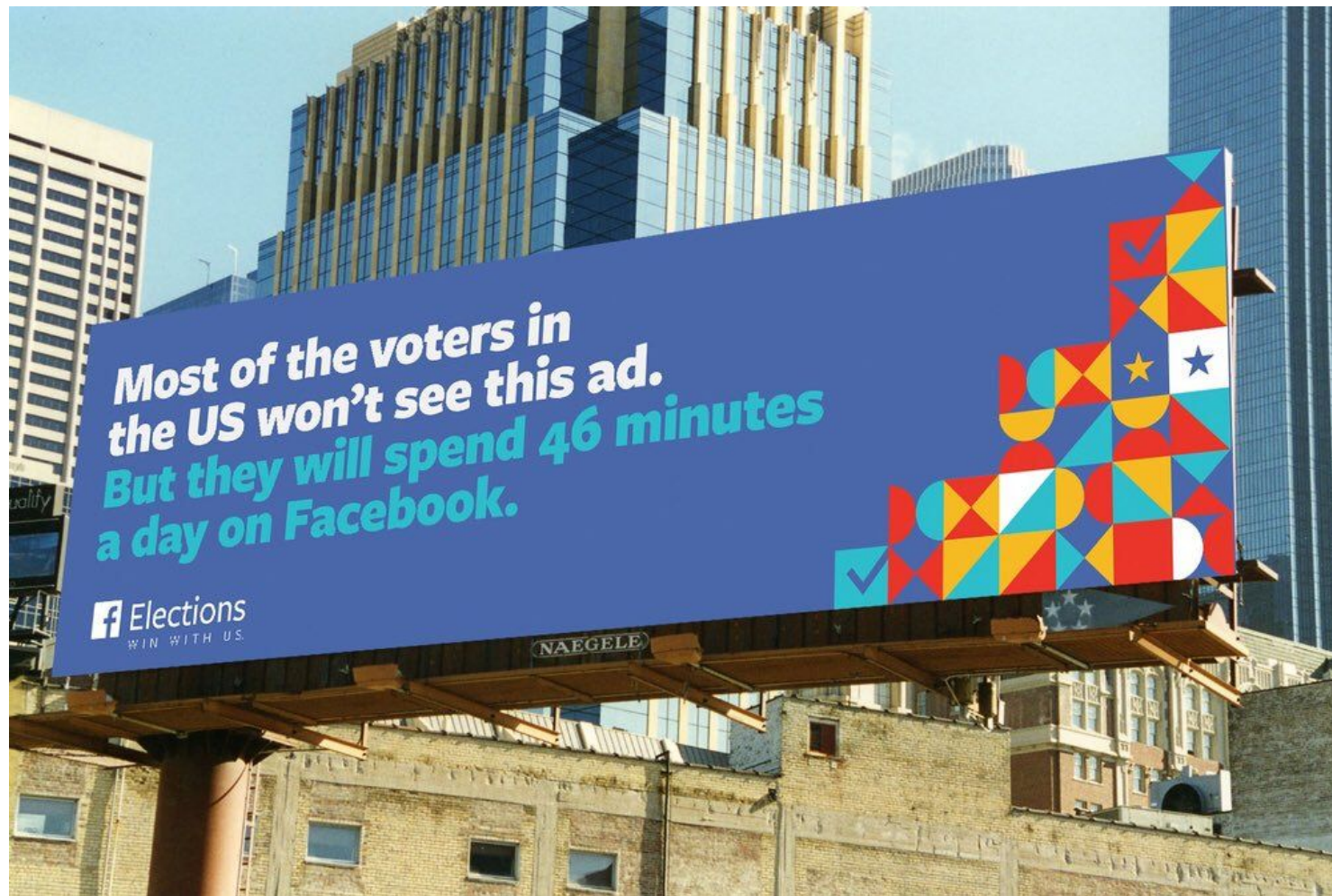
The Daily Mail (1917)

“Those who control the present, control the past and those who control the past control the future.”

- **George Orwell** (1984)



<https://www.wbur.org/news/2019/11/22/mit-nixon-deep-fake>





12th December 2019





Fair Tax Campaign
@campaign_tax

Seen us in the news today? Here's why we claim Labour's plan could cost you an extra £214 a month in tax:

fairtaxcampaign.com/facts/

[#corbyntaxes](#)



FAKE



Natalie Hunter
@NatHunter_BBC

FAKE

Jo Swinson has said Boris Johnson and Jeremy Corbyn would be 'sexist' if they don't allow her in leader debates. When asked if FM Sturgeon should be allowed, Swinson said 'But she can't be PM.' I said neither can you. 'This interview is over,' she said.

16:08 · 04/11/2019 · [TweetDeck](#)

<https://www.buzzfeed.com/alanwhite/2019-general-election-disinformation>



#labouractivist

@otivar55

Replying to @SusanDipsue2003



Jo Swinson

@joswinson

FAKE

The thought of leaving the EU without a deal and all the economic harm it will cause breaks my heart. BUT there is no way I can ask my fellow Liberal Democrats to put Jeremy Corbyn into power for just a few days to extend Article 50. We will simply have to [#GetBrexitDone](#) !



James Longman ✓
@JamesAALongman

Wow

In a cab and very angry driver just said 'look what Corbyn has tweeted about [#LondonBridge](#) attack'

He was sent this on a WhatsApp group. And it's totally fake. Had to try and convince him to actually look at Twitter itself. He **still** isn't sure

[#fakenews](#)

5:49 PM · Nov 29, 2019 from [Paddington, London](#) · [Twitter for iPhone](#)

3.3K Retweets 7.7K Likes



Tweet



Jeremy Corbyn ✓
@jeremycorbyn

A man was murdered by British Police in Broad daylight.

[#LondonBridge](#)

14:45 · 29 Nov 19 · [Twitter for Android](#)

6 Retweets 17 Likes



<https://twitter.com/JamesAALongman/status/1200471811793793025>



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More

Tweet

Boris Johnson

2,817 Tweets



Boris Johnson

@BorisJohnson

Prime Minister of the United Kingdom and @Conservatives leader. Get Brexit Done. Unleash Britain's Potential.

United Kingdom conservatives.com/join Joined April 2015

447 Following 1.3M Followers

Followed by dellers, Hannah McGeoghegan, and 102 others you follow

Tweets

Tweets & replies

Media

Likes

Pinned Tweet



Boris Johnson

@BorisJohnson · Nov 12

I'm about as much use as a jar of Marmite.



Search Twitter



You might like



Jeremy Corbyn

@jeremycorbyn

Follow



Leave.EU

@LeaveEUOfficial

Follow



David Lammy

@DavidLammy

Follow

Show more

United Kingdom trends



#MakeMyFriday

#BlackFriday2019

Coworker.org and Glyn Moody are Tweeting about this

Pinocchio

#vibepayfriday

Show more

Dev tools are built into every browser...

Language

English

Profile photo



Select image

Name

Social-Prank

@

Social-Prank

Message

Build your own Fake Twitter Post
now! Check it out @ {{Social-Prank}}

Use {{LINK}} to simulate link

Date

2:48 PM - 6 May 2015

Following: ☒ No ☐ Yes

Follow text

Follow

Following text

Following

Twitter Tweet Generator

Prank your friends by building fake twitter tweets and chats. Please notice that these generators are in no way associated with the twitter company. May only be used for personal use.

Live preview



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2:48 PM - 6 May 2015

[Download Tweet Post as image](#)

https://www.prankmenot.com/?twitter_tweet

Silicon Valley Nov 8

The UK's election will put Facebook's political ad policies to the test



What's happening: To break the seemingly never-ending political deadlock over Brexit, the UK's citizens are going to the polls on December 12 to vote in a general election.

The tactics: As in the last UK election, just two years ago, targeted ads on social

“As in the last UK election, just two years ago, targeted ads on social media will play a big role as the major parties try to convince wavering voters or shore up their own support. **This time around, however, Facebook has a clearer (and more controversial) stance on what it will and won't allow on its platform. Specifically, it'll be the first major election where its policy of letting politicians lie in ads is put to the test, a stance that has come under increasing pressure since Twitter said it would ban political ads last week.**”

Mark Zuckerberg Doubles Down in Defense of Facebook Posting Political Ads That Contain Lies

WRAP Rosemary Rossi, The Wrap • December 2, 2019



Facebook co-founder Mark Zuckerberg is brushing off criticism – again – about his social media company posting political ads that contain false information, explaining to “CBS This Morning” host Gayle King that he doesn’t think private companies “should be censoring politicians.”

In their first joint TV interview – which will air on “CBS This Morning” Monday – Zuckerberg and his wife Priscilla Chan invited King to their home, where Oprah’s bestie confronted the billionaire about the brouhaha surrounding his refusal to take down political ads that, as King put it, “people know are false.”

Also Read: [Facebook Has 'No Plans' to Fact-Check Its Political Ads](#)

“What I believe is that in a democracy it’s really important that people can see for themselves what politicians are saying, so they can make their own judgments,” Zuckerberg said, repeating his standpoint he first made in October during a [speech at Georgetown University](#). “And, you know, I don’t think that a private company should be censoring politicians or news.”



What to Read Next



Why Are Online Political Ads Not Regulated like TV Ads Are?

[The National Interest](#)



Mall Santa Claus fired after posing for 'inappropriate' gag photos

[Yahoo Lifestyle](#)



“Facebook co-founder Mark Zuckerberg is brushing off criticism – again – about his social media company posting political ads that contain false information, explaining to “CBS This Morning” host Gayle King that **he doesn’t think private companies “should be censoring politicians.”**

“What I believe is that in a democracy it’s really important that people can see for themselves what politicians are saying, so they can make their own judgments,” Zuckerberg said, repeating his standpoint he first made in October during a speech at Georgetown University. **“And, you know, I don’t think that a private company should be censoring politicians or news.”**

<https://news.yahoo.com/mark-zuckerberg-doubles-down-defense-025247526.html>

Politics

Facebook Removes Seven U.K. Tory Party Ads After BBC Complaint

By [Mathew Carr](#) and [Siraj Datoo](#)

December 1, 2019, 6:03 PM GMT

- ▶ Social media platform takes down ads after 'valid' IP claim
- ▶ Fight on social media to win Britain's Dec. 12 vote heats up



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updated 2 hours ago

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Stocks Rise, Bonds Slide After Robu: Factory Data: Markets Wrap

updated an hour ago

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Record \$2.4 Trillion Bond Binge Is Threatening Investor Returns

PURSUITS

Top Chefs Pick Favorite Cities Around the World for Great Restaurants

BUSINESS

Morgan Stanley Bet That Went Awry Has Junior Trader at Center



BBC political editor Laura Kuenssberg. Photographer: Oli Scarff/AFP via Getty Images

LISTEN TO ARTICLE



1:38

SHARE THIS ARTICLE



Share

Facebook Inc. removed seven Conservative Party social media ads on Sunday after the British Broadcasting Corp. complained they distorted the perception of the news service's impartiality.

"We have removed this content following a valid intellectual property claim from the rights holder, the BBC," a Facebook spokesman said in an emailed

"One of the ads included an edited video clip of BBC political editor Laura Kuenssberg saying "pointless delay to Brexit," followed by newsreader Huw Edwards stating "another Brexit delay," the Press Association reported Nov. 28. **The language is similar to the central message of the Tory election campaign and the ad makes it appear that the BBC presenters are supporting the party.**

The fight to govern Britain has already generated controversy on social media. During Prime Minister Boris Johnson's debate with Labour Party leader Jeremy Corbyn last month, the Conservative Party's public-relations unit rebranded its Twitter page as "factcheck U.K.," prompting criticism that it was claiming to be verifying information independently. Twitter Inc. warned it would take action if the account was used for similar purposes in the future."

<https://www.bloomberg.com/news/articles/2019-12-01/facebook-removes-seven-u-k-tory-party-ads-after-bbc-complaint>

Analysis

Facebook Finds Refuge in §230, at Least for Now

In her Internet Issues/Social Media column, Shari Claire Lewis discusses a recent Second Circuit ruling that Communications Decency Act §230(c)(1) shielded Facebook from civil liability for claims brought under federal law by U.S. citizen victims, and their representatives, of certain terrorist attacks committed by Hamas in Israel. The decision amounted to a big victory for Facebook and, implicitly, for other social media platforms. However, the decision also serves to weaken the immunity it affords online publishers such as Facebook, which

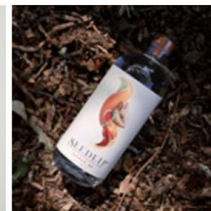
By **Shari Claire Lewis** | August 19, 2019 at 12:30 PM



“Section 230(c)(1) of the Communications Decency Act of 1996 (CDA) was enacted to facilitate the growth of the Internet, by immunizing Internet service providers (ISPs) from liability in connection with third party content that appeared on their “interactive computer service.” It states: **“No provider or user of an interactive computer service shall be treated as the publisher or speaker of any information provided by another information content provider.”**”

[Home](#)[Create](#)[News Feed](#)[Messenger](#)[Watch](#)[Marketplace](#)[Create Post](#)[Photo/Video](#)[Tag Friends](#)[Feeling/Activity](#)[Stories](#)[See All](#)[Sponsored](#)[Create Ad](#)[amazon](#)[Moonjar Moneybox - Save Spend Share - Pig...](#)[amazon.co.uk](#)

Discover deals, best sellers, and more this Cyber Monday!

[Seedlip Drinks](#)[seedlipdrinks.com](#)

'What to drink when you're Not drinking ®'
Indulge in the world's first non-alcoholic spir...

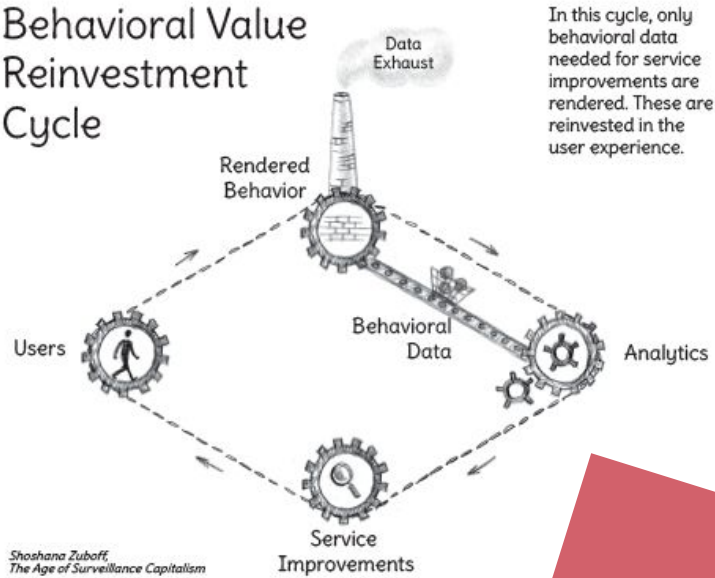
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“The best minds of my generation are thinking about how to make people click ads.”

- **Jeff Hammerbacher** (early Facebook employee)



Behavioral Value Reinvestment Cycle



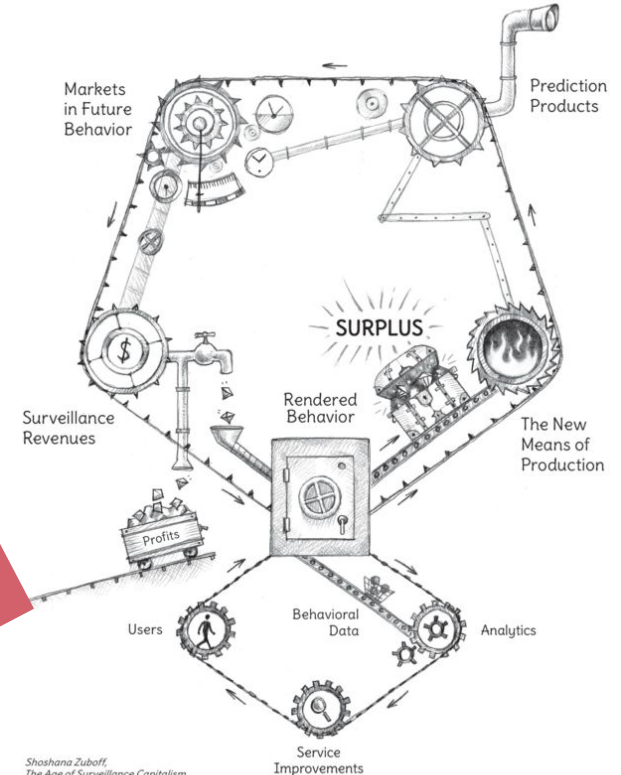
Shoshana Zuboff,
The Age of Surveillance Capitalism

Figure 1: The Behavioral Value Reinvestment Cycle

Diagrams from *The Age of Surveillance Capitalism*
by Shoshana Zuboff

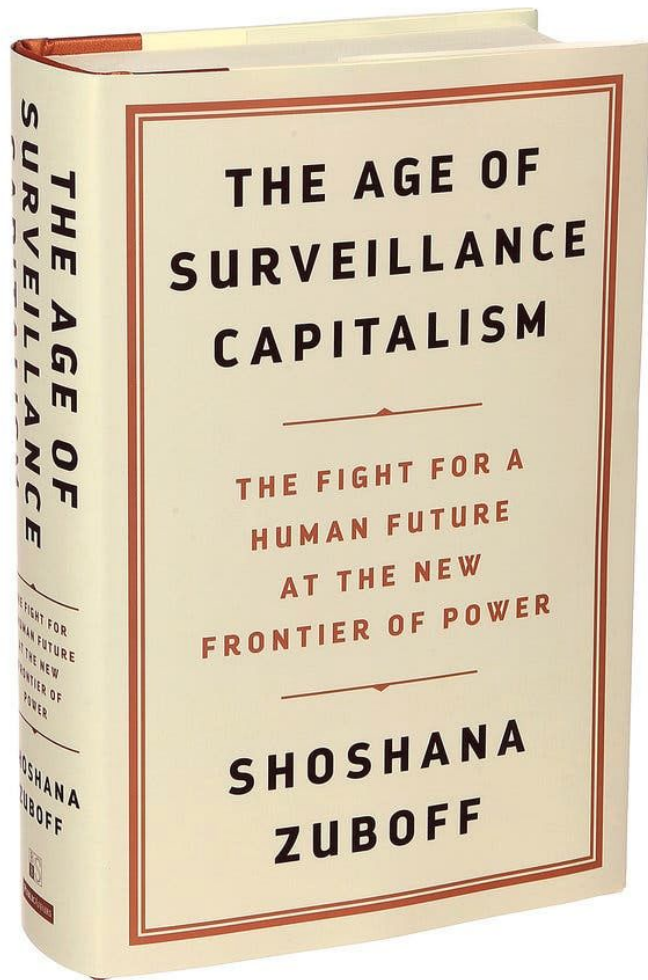
The Discovery of Behavioral Surplus

Surveillance capitalism begins with the discovery of behavioral surplus. More behavioral data are rendered than required for service improvements. This surplus feeds machine intelligence - the new means of production - that fabricates predictions of user behavior. These products are sold to business customers in new behavioral futures markets. The Behavioral Value Reinvestment Cycle is subordinated to this new logic.



Shoshana Zuboff,
The Age of Surveillance Capitalism

Figure 2: The Discovery of Behavioral Surplus



“[T]he competitive dynamics of these new markets drive surveillance capitalists to acquire ever-more-predictive sources of behavioral surplus: our voices, personalities, and emotions. **Eventually, surveillance capitalists discovered that the most-predictive behavioral data come from intervening in the state of play in order to nudge, coax, tune, and herd behavior toward profitable outcomes.** Competitive pressures produced this shift, in which automated machine processes not only know our behavior but also shape our behavior at scale. With this reorientation from knowledge to power, it is no longer enough to automate information flows about us; the goal now is to automate us.”



SCIENCE

Facebook's Unethical Experiment

It intentionally manipulated users' emotions without their knowledge.

By KATY WALDMAN

JUNE 28, 2014 • 5:50 PM

TWEET

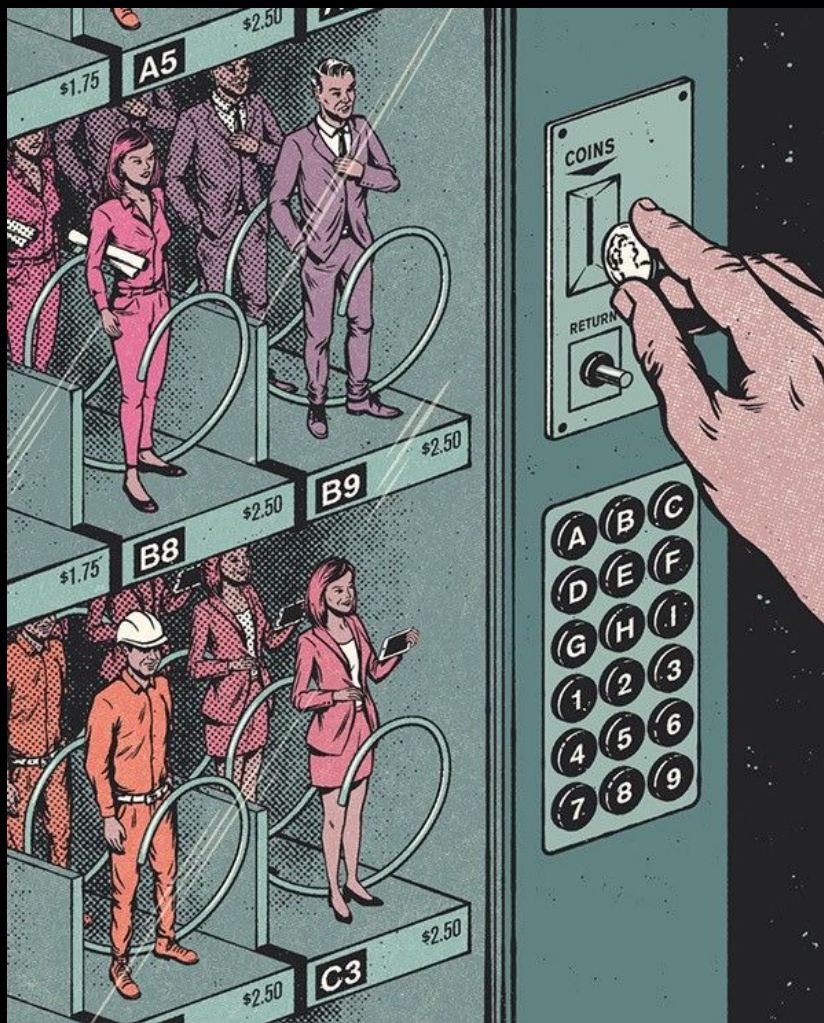
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COMMENT

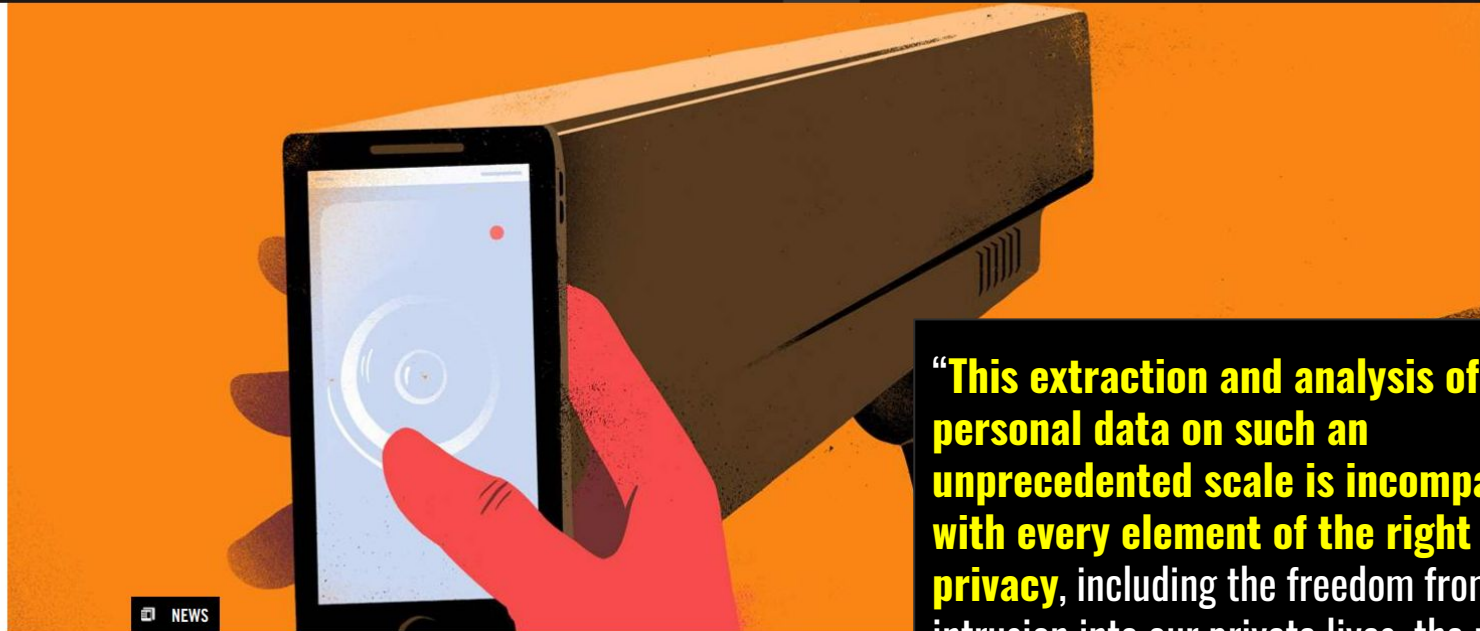


“[Facebook researchers] tweaked the algorithm by which Facebook sweeps posts into members’ news feeds, using a program to analyze whether any given textual snippet contained positive or negative words. Some people were fed primarily neutral to happy information from their friends; others, primarily neutral to sad. Then everyone’s subsequent posts were evaluated for affective meanings.

The upshot? Yes, verily, social networks can propagate positive and negative feelings!”



Andrew Fairclough



NEWS

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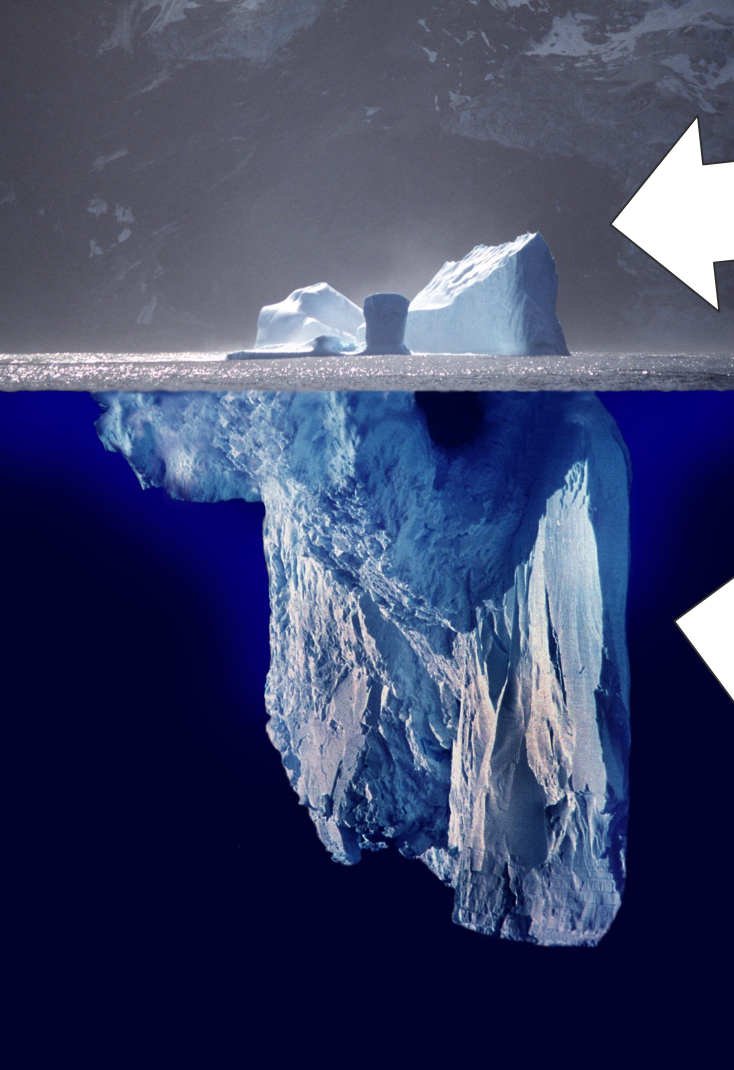


Facebook and Google's pervasive surveillance poses an unprecedented danger to human rights

21 November 2019, 04:45 UTC

“This extraction and analysis of people’s personal data on such an unprecedented scale is incompatible with every element of the right to privacy, including the freedom from intrusion into our private lives, the right to control information about ourselves, and the right to a space in which we can freely express our identities.”

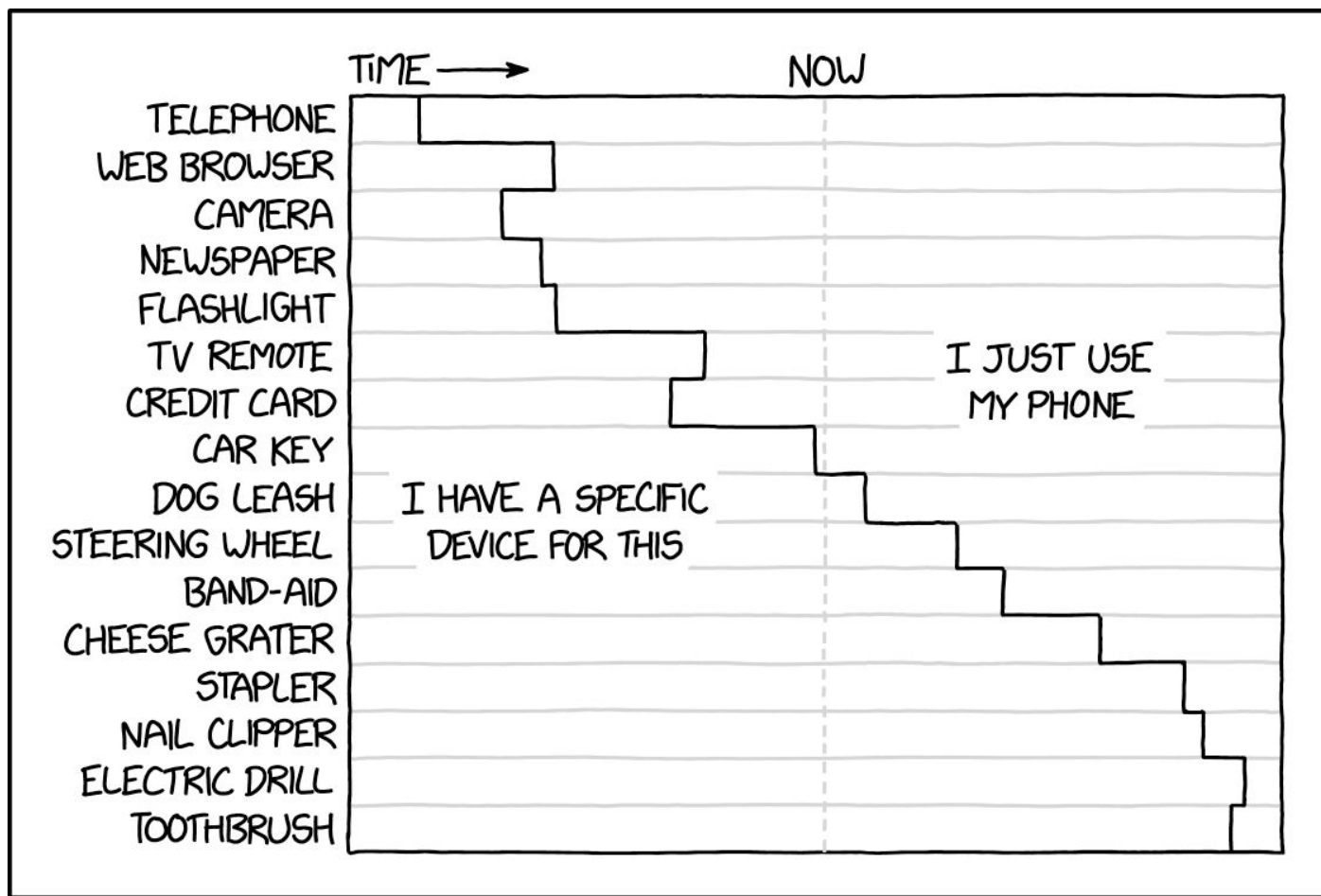
<https://www.amnesty.org/en/latest/news/2019/11/google-facebook-surveillance-privacy>



FAKE NEWS

(tip of the iceberg)

Big Data surveillance, Computational psychology, Psychographics, Automated engagement scripts, Emotional manipulation, Personality targeting, Dark post campaigns, Propaganda networks, Hyperbias, Bot Gestapos, Weaponized AI, Sentiment analysis, Algorithmic curation, Ideological matrices, Filter bubbles



Why Elites Are Creating Surveillance States

2019 JUNE 3

by Ian Welsh

It's commonplace now to note that China is a surveillance state.

But most other countries—including the UK and the US—are on their way. Cameras proliferate everywhere, virtually everyone carries a phone which is tracked constantly (and 5G networks will be so precise they can tell which room of a building you are in), and audio surveillance is increasingly being added. (That much of this surveillance is private, rather than government, changes little.)



AI + various recognition algos (face, gait, etc...) and cheap long term storage means that, increasingly, it is possible to know where people were, when, and store that information for years. Cameras and phones and other devices which listen in, plus access to all chat, phone, email, and other messaging means we know what they were doing and saying.

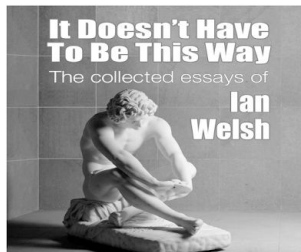
1984 was nothing on this. Big Brother couldn't store information (no video tape even) and someone had to actually be watching the camera and listening in when you did something The Powers That Be didn't like. If no one was watching, you got away with it.

The endgame, as I've been pointing out for years, is a society in which where you are and what you're doing, and have done is, always known, or at least knowable. And that information is known forever, so the moment someone with power wants to take you out, they can go back through your life in minute detail. If laws or norms change so that what was okay ten or 30 years ago isn't okay now, well, they can get you on that.

Surveillance societies are sterile societies. Everyone does what they're supposed to do all the time, and because we become what we do, it affects our personalities. It particularly affects our creativity, and is a large part of why Communist surveillance societies were less creative than the West, particularly as their police states ramped up.

Surveillance societies also just suck to live in: paranoia, fear, little freedom.

So why create them? I mean in one sense the answer is obvious: Surveillance is control, and powerful



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“Surveillance societies are sterile societies. Everyone does what they’re supposed to do all the time, and because we become what we do, it affects our personalities. It particularly affects our creativity, and is a large part of why Communist surveillance societies were less creative than the West, particularly as their police states ramped up.”



“There’s a growing chasm between how everyday users feel about the technology around them and how companies decide what to make. And yet, these companies say they have our best interests in mind. We can’t go back, they say. We can’t stop the “natural evolution of technology.” **But the “natural evolution of technology” was never a thing to begin with, and it’s time to question what “progress” actually means.**”

Illustration by Zoë van Dijk

The biggest lie tech people tell themselves — and the rest of us

They see facial recognition, smart diapers, and surveillance devices as inevitable evolutions. They’re not.

By Rose Eveleth | Updated Oct 8, 2019, 6:05am EDT

[f](#) [t](#) [s](#) [SHADE](#)

<https://www.vox.com/the-highlight/2019/10/1/20887003/tech-technology-evolution-natural-inevitable-ethics>

TECHNOLOGY

Welcome to the Age of Privacy Nihilism

Google and Facebook are easy scapegoats, but companies have been collecting, selling, and reusing your personal data for decades, and now that the public has finally noticed, it's too late. The personal-data privacy war is long over, and you lost.

IAN BOGOST AUGUST 23, 2018



A natural-gas field in Derweze, Turkmenistan, collapsed into an underground cavern, creating a continually burning crater 69 meters across. It's called the "Door to Hell". (GILES CLARKE / GETTY)

A barista gets burned at work, buys first-aid cream at Target, and later that day sees a Facebook ad for the same product. In another Target, someone shouts down the aisle to a companion to pick up some Red Bull; on the ride home, Instagram serves a sponsored post for the beverage. A home baker wishes aloud for a KitchenAid mixer, and moments after there's an ad for one on his phone. Two friends are talking about recent trips to Japan, and soon after one gets hawked cheap flights there. A woman has a bottle of perfume confiscated at airport security, and upon arrival sees a Facebook ad for local perfume stores. These are just some of the many discomfoting coincidences that make today's consumers feel surveilled and violated. The causes are sometimes innocuous, and sometimes duplicitous. As more of them come to light, some will be cause for regulatory or legal remedy.

But none of this is new, nor is it unique to big tech. Online services are only

MORE STORIES

If It Wasn't the Pregnancy Tests, Why "Did" Baby Catalogs Start Arriving at Our House?

ALEXIS C. MADRIGAL

What Does the Consumer Data Industry Know About You?

REBECCA J. ROSEN

"The Basic Grossness of Humans"

ALEXIS C. MADRIGAL

The Mobile Dead Zone on Airplanes

CHRISTOPHER SCHABERG



“Online services are only accelerating the reach and impact of data-intelligence practices that stretch back decades. They have collected your personal data, with and without your permission, from employers, public records, purchases, banking activity, educational history, and hundreds more sources. They have connected it, recombined it, bought it, and sold it. Processed foods look wholesome compared to your processed data, scattered to the winds of a thousand databases. Everything you have done has been recorded, munged, and spat back at you to benefit sellers, advertisers, and the brokers who service them. It has been for a long time, and it’s not going to stop. The age of privacy nihilism is here, and it’s time to face the dark hollow of its pervasive void.”

<https://www.theatlantic.com/technology/archive/2018/08/the-age-of-privacy-nihilism-is-here/568198>



QUESTIONS

Social

- twitter.com/dajbelshaw
- linkedin.com/in/dajbelshaw
- mastodon.social/@dajbelshaw

TRENDING

London Bridge Stabbing Hague Stabbing Slave Play New Orleans Shooting Best Of The Decade Leonardo DiCaprio



Facebook Said It Would Give Detailed Data To Academics. They're Still Waiting.

"I think the only way to feel reasonably confident about this project is if you ignore what's happened over the past 16 months."



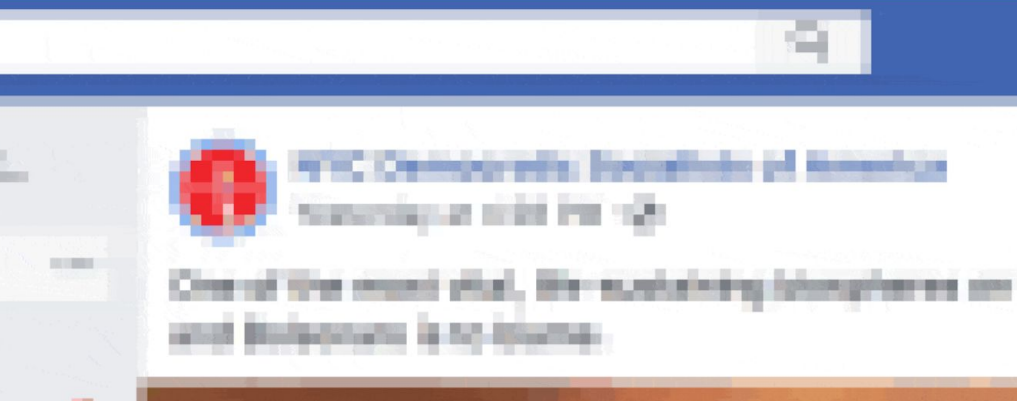
Craig Silverman
BuzzFeed News Reporter

Posted on August 22, 2019, at 9:30 p.m. ET

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"The pattern began with Facebook's 2016 announcement that it would partner with third-party fact-checkers to flag false information on the platform. Nearly two and a half years later, those fact-checkers have only recently begun to receive data about the effectiveness of their work. Many of them have publicly expressed frustration with Facebook.

Another initiative is the ad archive, which offers insight into who buys advertisements and which users they target them to. **One researcher recently quoted in the New York Times called it "broken," finding it impossible to pull the necessary data from an archive that itself was previously shown to be incomplete.**"